

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

Complete If Known

Application Number	10/580,552
Filing Date	May 26, 2006
First Named Inventor	Beverly BROWN et al.
Group Art Unit	1621
Examiner Name	Chukwuma O. Nwaonicha
Attorney Docket Number	MERCK-3181

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	1	5,936,259		Katz Howard Edan et al.	08-10-1999

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	†*
		Office ³	Number ⁴	Kind Code ² (if known)				
	2	WO	03016599		Asahi Kasei Kabushiki Kaisha	2-27-2003		
	3	JP	2001-242808		Takashi Minakata	9-17-2002		Equiv to cite 8
	4	JP	05055568		Asahi Chem Ind Co Ltd	03-05-1993		

Examiner
SignatureDate
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*EXAMINER: (initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached. Number refers to English language corresponding family member.

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Sheet 2 of 2

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	5	ANTHONY, EATON, PARKIN: "A Road Map to Stable, Soluble, Easily Crystallized Pentacene Derivatives" ORGANIC LETTERS, vol. 4, no. 1, 15 December 2001 (2001-12-15), pages 15-18, XP002427517.	
	6	ANTHONY, BROOKS, EATON, MATSON, PARKIN: "Synthesis, properties and device applications of functionalized acenes" PROCEEDINGS OF THE SPIE, vol. 5217, 3 August 2003 (2003-08-03), - 2003 pages 124-132, XP002427518.	
	7	PAYNE M ET AL: "Organic Field Effect Transistors from Solution Deposited Functionalized Acenes with Mobilities as High as 1 cm ² /V.s" JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, AMERICAN CHEMICAL SOCIETY, WASHINGTON, D.C., US, col. 127, no. 14, 19 March 2005 (2005-03-19), pages 4986-4987, XP008066061 ISSN:0002-7863.	
	8	LAQUINDANUM J G ET AL: "Synthesis, Morphology And Field-Effect Mobility Of Anthradithiophenes" JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, AMERICAN CHEMICAL SOCIETY, WASHINGTON, D.C., US, vol. 120, 16 January 1998 (1998-01-16), pages: 664-672, XP001152952 ISSN: 0002-7863.	
	9	Patent Abstract of Japan - Publication No. 05055568 A - "Thin Organic Film Transistor", Asahi Chem Ind Co Ltd.	
	10	J.S. Brooks, "Electronic and optical properties of functionalized pentacene compounds in the solid state", Current Applied Physics 1 (2001)301-306.	
	11	Translation of JP Application 2001-242808, Application Date: August 9, 2001, Nwaonicha No. P 2001-242808 - "Organic Semiconductor Solution, Organic Semiconductor Thin Film, And Organic Semiconductor Element", Takashi Minakata, pages 1-14.	
	12	Marcia M. Payne, "Stable, Crystalline Acenethiophenes with up to Seven Linearly Fused Rings", Organic Letters 2004, Vol. 6, No. 19 - 3325-3328.	
	13	D.R. Maulding et al., "Electronic Absorption and Fluorescence of Phenylethynyl-Substituted Acenes", The Journal of Organic Chemistry, Vol. 34, No. 6, June 1969, pages 1734-1736.	
	14	Minakata, Takashi, HCAPLUS COPYRIGHT 2007 ACS on STN, 2003:154660 "Organic semiconductor components with pentacene-coated transistor films.	

Examiner Signature	Date Considered
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